

Attachment 2

TAG Meeting Materials and Presentations

Detailed minutes, agenda, presentations, and materials distributed at each Technical Advisory Group (TAG) meeting listed below are available on the NR 445 website:

<http://www.dnr.state.wi.us/org/aw/air/hot/nr445rev/nr445rev.htm>.

Date	Meeting #	Location	TAG Materials and Presentation Title
February 23, 2000	1	Madison	<ul style="list-style-type: none"> • Table 3 De Minimis Values for NR 445 • Decision Rules • Emission Inventory Reporting Thresholds • All Existing and Proposed NR 445 Chemicals • NR 445 Revisions: Wisconsin's Air Toxics Rule
March 22, 2000	2	Milwaukee	<ul style="list-style-type: none"> • Decision Rules for Listing Chemicals • Decision Rules for Setting and NR 445 De Minimis
April 27, 2000	3	Madison	<ul style="list-style-type: none"> • Chemicals Having Threshold Limit Values Greater Than 99 ppm. • Comparing USEPA's HAP Program to NR 445 Parts 1 and 2
May 25, 2000	4	Madison	<ul style="list-style-type: none"> • Proposal to List Chemicals with TLVs > 99 ppm in NR 438 – Background • A Closer Look at the Alternative Applicability and Compliance Proposal for Table 3 Compounds
June 22, 2000	5	Milwaukee	<ul style="list-style-type: none"> • Comparison of the Number of Affected Sources for Current, 10⁻⁵ and 10⁻⁶ Based Thresholds • The Risk Based Compliance Alternative for Table 3 Compounds • Table 3 Chemicals: Comparison of NR 445 Threshold Alternatives • Charge To NR 445 Sub-Group On Compliance Options • Draft Working List: June 2000 NR 445 Chemicals List • Straw Proposal for Implementing the NR 445 Revisions • Revisions To WIS. ADM. NR 445, Status Report As Of June 22, 2000 • Comparison of Current, 10-5 and 10-6 Thresholds Proposed Table 3A • Comparison of Current, 10-5 and 10-6 Thresholds Proposed Table 3B • Memo: Wisconsin DNR Hazardous Air Pollutant Threshold Modeling
August 3, 2000	6	Oshkosh	<ul style="list-style-type: none"> • Hazardous Air Pollutants Modeling "Off-Ramp" • New Source Permitting and HAPs • Compliance Issues, Final/Revised • Implementation Plan, Final/Revised • Measurement of Emissions at Very Low Levels (Quantities or Concentrations)
September 14, 2000	7	Madison	<ul style="list-style-type: none"> • Draft Working List: September 2000 NR 445 Chemicals List • Memo, Wisconsin DNR Hazardous Air Pollutant Screening Levels • Affected Sources – Draft List for Discussion Purposes

			<ul style="list-style-type: none"> • Initial Outline of Revised Chapter NR 445 • Virgin Fossil Fuel Exemption • Sources Considered in the Evaluation of Emissions from Coal Combustion • Proposal for Regular Updates of Ch. NR 445, Wis. Admin. Code • Memo, NR 445 Decision Criteria for Listing Chemicals in NR 445 • Decision Rules for Listing Chemicals • Recent Additions to NR 445 Proposal • Memo, Chemicals With “Adopted” Changes in the 2000 TLV Book, published by the ACGIH • Memo, NR 445 Table 3: Carcinogens Changes/Additions as a Result of the Publication of the National Toxicology Program’s 9th Report on Carcinogens and IARC Publications
November 14, 2000	8	Wisconsin Rapids	<ul style="list-style-type: none"> • WORKING DRAFT DOCUMENT FOR THE NOVEMBER 14, 2000 TAG MEETING Chapter NR 445 CONTROL OF HAZARDOUS POLLUTANTS • Affected Sources – Draft List for Discussion Purposes • NR 445 Conceptual Implementation and Compliance Process
March 1, 2001	9	Madison	<ul style="list-style-type: none"> • Indoor Fugitive Emissions • DRAFT - Revisions to Chapter NR 438, Wis. Adm. Code • DRAFT - Revisions to Chapter NR 410, Wis. Adm. Code • Draft NR 407 List of Chemicals with existing and proposed thresholds, and billing status • VER. 4 DRAFT - Revisions to Section NR 445.08, Wis. Adm. Code
April 18, 2001	10	Madison	<ul style="list-style-type: none"> • Issue Paper, Diesel Exhaust Particulate Emissions And NR 445 • Appendix 2: Diesel Issue Brief Q & A, • Evaluation of Diesel Exhaust Emissions • Carcinogenicity of Diesel Exhaust Particulates • Spills Language Update • Table of 158 New Ch NR 438 Chemicals • Table of 372 Existing Ch NR 438 Chemicals with Changed Reporting Thresholds • Table of 157 Existing Ch NR 438 Chemicals with Unchanged Reporting Thresholds • Proposed Search and Inquiry Language
June 19, 2001	11	Milwaukee	<ul style="list-style-type: none"> • Draft 2, Unofficial NR 445 Language • Standards for Stationary Source & Portable Internal Combustion Engines • Wisconsin Utility Association and Dairyland Power Cooperative Proposed Language for Diesel Fuel Exemption in NR 445 • Small Emission Sources
October 4, 2001	12	Madison	<ul style="list-style-type: none"> • DNR/Foundry Industry Environmental Management System (EMS) Pilot • Decision Process for NR 445 Listing • Business Impact Analysis: Progress Report • Initial Screening Process • Wisconsin's Hazardous Air Pollutant Program Map (4 files) • Compliance Certification

			<ul style="list-style-type: none"> • Addition of a Fourth Stack to NR 445 Threshold • Regulating Asphalt Fumes • Chemicals Emitted From Production of Asphalt
December 3, 2001	13	Madison	<ul style="list-style-type: none"> • Memo, Consolidation of ch. NR 445 and ch. NR 706, Wis. Adm. Code • NR 445 “Placeholder” Language • Incidental Emitters Proposal • Short list of Chemicals that Might be Considered for Small Emitter Concept, Rounds 1 and 2. • NR 445 Rule Development Schedule • Draft #3 of the Proposed NR 445 Rule Revision Process
January 7, 2002	14	Madison	<ul style="list-style-type: none"> • Public Comments on NR 445, Draft 3 and WDNR Responses. • NR 445 Environmental Management System Proposal • Incidental Emitters Proposal • Memo, Small Emitters: Language Suggestion for Locations of Concern • NR 445 Revised Draft 4
February 4, 2002	15	Madison	<ul style="list-style-type: none"> • NR 445 Small Business Impact Analysis Surveys: Air Issues Update, January 2002 • Incidental Emitters Proposal • EPA Residual Risk Program • Proposal For Control Of Emissions From Compressed-Ignition Internal Combustion Engines Combusting Fuel Oil • NR 445 Listing Process and Studies • Compliance Deadlines and Extensions • Compliance Certification
March 19, 2002	16	Madison	<ul style="list-style-type: none"> • Mock up NR 445 Language Pertaining to Diesel Control and Compliance Requirements • Planned NR 445 Rule Development Schedule • Draft 5, Unofficial Language, Titled “Working Draft Document for March 2002 TAG Meeting” • NR 445 - Section 112 Interface • Risk-Based Demonstration Alternative • Coal Dust • Cross-Reference for Major Proposals In Draft 5
April 16, 2002	17	Madison	<ul style="list-style-type: none"> • HAP Emissions From Manufacturing SIC Categories (pounds) • HAP Emissions from Non-manufacturing SIC Categories (pounds) • DRAFT NR 445 Coal Dust Proposal • Memo, Addition of Tetrafluoroethylene to Small Emitters List of Chemicals of Concern • David Liebl’s List of New Chemicals by # of MSDS Sheets in Database • Section 111 and 112 of the Clean Air Act as it Applies to NR 406 • Proposal For Control Of Emissions From Compressed-Ignition Internal Combustion Engines Combusting Fuel Oil • Memo, Review of Stationary Diesel Particulate Matter Emission Control Technology